10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STX12 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP16253b

Specification

STX12 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q86Y82

STX12 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 23673

Other Names
Syntaxin-12, STX12

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

STX12 Antibody (C-term) Blocking Peptide - Protein Information

Name STX12

Function
SNARE promoting fusion of transport vesicles with target membranes. Together with SNARE STX6, promotes movement of vesicles from endosomes to the cell membrane, and may therefore function in the endocytic recycling pathway. Through complex formation with GRIP1, GRIA2 and NSG1 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting.

Cellular Location
Endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1} Golgi apparatus membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}. Endomembrane system {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}; Cytoplasmic side {ECO:0000250|UniProtKB:G3V7P1}. Early endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}. Recycling endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STX12 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

STX12 Antibody (C-term) Blocking Peptide - Images

STX12 Antibody (C-term) Blocking Peptide - Background

SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network (By similarity).

STX12 Antibody (C-term) Blocking Peptide - References

Kean, M.J., et al. J. Cell. Sci. 122 (PT 22), 4089-4098 (2009) :Lamesch, P., et al. Genomics 89(3):307-315(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Bared, S.M., et al. Mol. Biol. Cell 15(12):5399-5407(2004)